




<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (PTO-1449)				ATTY. DOCKET NO. 52637-0021		SERIAL NO. 10/056,728  <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>RECEIVED</b>            MAY 13 2002  <i>Technology Center 2600</i> </div>	
				APPLICANT Andrew Storm, et al.		FILING DATE January 22, 2002	
				GROUP 2631			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
<i>llt</i>	5,068,873	11/26/91	Murakami	375	13	10/29/90	
<i>llt</i>	5,111,481	5/5/92	Chen et al.	375	14	11/17/89	
<i>llt</i>	5,432,816	7/11/95	Gozzo	375	232	4/10/92	
<i>llt</i>	5,432,821	07/11/95	Polydoros et al.	375	340	12/02/92	
<i>llt</i>	5,715,280	2/3/98	Sandberg et al.	375	260	6/20/96	
<i>llt</i>	6,295,326	9/25/01	Tonissen et al.	375	350	3/1/00	
<b>FOREIGN PATENT DOCUMENTS</b>							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>llt</i>	WO 00/54472	9/14/00	PCT				
<i>llt</i>	WO 97/40587	10/30/97	PCT				
<i>llt</i>	WO 98/59450	12/30/98	PCT				
<i>llt</i>	EP 0 795 985 A2	9/17/97	EPO				
<i>llt</i>	EP 0 912 023 A1	4/28/99	EPO				
<b>OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
<i>llt</i>	Melsa, P., et al., "Impulse Response Shortening for Discrete Multitone Transceivers", IEEE Transactions on Communications, Vol. 44, No. 12, December 1996.						
<i>llt</i>	Al-Dhahir, N., et al., "Optimum Finite-Length Equalization for Multicarrier Transceivers", IEEE Transactions on Communications, Vol. 44, No. 1, January 1996.						
<i>llt</i>	Chow, J., et al., "A Discrete Multitone Transceiver System for HDSL Applications", IEEE Journal on Selected Areas in Communications, Vol. 9, No. 6, August 1991.						
<i>llt</i>	Bellanger, M. G., "Adaptive Digital Filters and Signal Analysis", 1987, XP002169514, pp. 4-12 and 179-183.						
<i>llt</i>	Dalle Mese, et al., "Fixed-Lag Smoother for Digital Channel Equalisation", Electronic Letters, IEE Stevenage, vol. 13, no. 12, 9 June 1977, pg. 366-367, XP0000761143, ISSN: 0013-5194.						
<i>llt</i>	Chen, W. Y., "DSL: Simulation Techniques and Standards Development for Digital Subscriber Line Systems", 1988, XP002169513, pp. 8, 9, 11, 149-159.						
<i>llt</i>	Van Bladel, Mark and Moeneclaey, Marc, "Time-domain Equalization for Multicarrier Communication," IEEE Global Telecommunications Conference, Nov. 14, 1995, pgs 167 171.						
<i>llt</i>	Lashkarian, Navid and Kiaei, Sayfe, "Fast Algorithm for Finite-Length MMSE Equalizers with Application to Discrete Multitone Systems," IEEE International Conference on Acoustics, Speech, and Signal Processing, Mar. 15, 1999, pgs 2753-2756.						
EXAMINER <i>KHAI TRAN</i>				DATE CONSIDERED <i>5/28/05</i>			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if no inconformance and not considered. Include copy of this form with next communication to Applicant.